

vs.

```
Local similarity
Match: 19
Mismatch: -17
Indel start: -13
Indel extend: -7
```

Score: 8776 at (SEQ ID NO:38) [456..951] : (Jacobs et. al.) [1..481]

Arrow indicates polynucleotide encoding the C-terminal 15 amino acids of SEO ID NO:83.

456 GCAT---GCCGACAAGGC GCGTGGCC-AGCAGA**A**CCTGGTGCTGGTTTCACATCACGCAG
| | | | | | | | | | | | | | | | | | | | | |
1 GAATT**G**CGCC-A-AA----GAGGCCTA-----AACTGGTGCTGGTTTCACATCACGCAG

TGA = STOP codon for SEO ID NO:83

512 CAACGGGATTCTTTTGCTTTGAAAATGTTGCAGTCCACCTGTCCAACCTTGATCTTCCGGA
|||
50 CAACGGGATTCTTTTGCTTTGAAAATGTTGCAGTCCACCTGTCCAACCTTGATCTTCCGGA
|||
572 CATTTGACTTGTTTCTGGTTATCCACCATCTCTTTGCCTTTCTTGGGTTTCTTGGCTGCT
|||
110 CATTTGACTTGTTTCTGGTTATCCACCATCTCTTTGCCTTTCTTGGGTTTCTTGGCTGCT
|||
632 TGGTCAATCTCCAAGCTGGCCACTATCTAGCTATGACCACGTTGCTCCTGGAGATGAGCA
|||
170 TGGTCAATCTCCAAGCTGGCCACTATCTAGCTATGACCACGTTGCTCCTGGAGATGAGCA
|||
692 CGCCCTTTACCTGCGTTTCTTGGATGCTCTTAAAGGCGGGCTGGTCCGAGTCTCTGTTTT
|||
230 CGCCCTTTACCTGCGTTTCTTGGATGCTCTTAAAGGCGGGCTGGTCCGAGTCTCTGTTTT
|||
752 GGAAGCTCAACCAGTGCGTGATGATTCACATGTTTCACTGCCGCATGGTTCTAACCTACC
|||
290 GGAAGCTCAACCAGTGCGTGATGATTCACATGTTTCACTGCCGCATGGTTCTAACCTACC
|||
812 ACATGTGGTGGGTGTGTTTCTGGCACTGGGACGGCCTGGTCAGCAGCCTGTATCTGCCTC
|||
350 ACATGTGGTGGGTGTGTTTCTGGCACTGGGACGGCCTGGTCAGCAGCCTGTATCTGCCTC
|||
872 ATTTGACACTGTTCTTGTGCGGACTGGCTCTGCTTACGCTAATCATTAATCCATATTTGA
|||
410 ATTTGACACTGTTCTTGTGCGGACTGGCTCTGCTTACGCTAATCATTAATCCATATTTGA
|||
932 CCCATAAGAAGACTCAGCAG
|||
470 CCC-----AGACTC-G-AG

Percent Identity: 95.0
Percent Similarity: 95.0